Datasheet for ABIN6944008

anti-MAP3K9 antibody (AA 451-550)

Go to Product page

Overview

Quantity:	100 µL
Target:	MAP3K9
Binding Specificity:	AA 451-550
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K9 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAP3K9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MAP3K9

Target Details

Alternative Name:	MAP3K9 (MAP3K9 Products)
Background:	Synonyms: MLK1, M3K9_HUMAN, Map3k9, MEKK9, Mitogen activated protein kinase kinase kinase 9, Mitogen-activated protein kinase kinase kinase 9, Mixed lineage kinase 1 (tyr and ser/thr specificity), Mixed lineage kinase 1, PRKE1. Background: Mixed lineage kinases are a family of protein kinases sharing two leucine zipper-like motifs, which are known to mediate protein dimerization, and a kinase domain whose primary structure is similar to both the tyrosine-specific and the serine/threonine-specific kinase classes. Members of the mixed-lineage kinase (MLK) family include MLK1, MLK2, MLK3 and dual leucine zipper kinase, also designated DLK. MLKs are expressed in neuronal cells where they are likely to interact between Rac1/Cdc42, MKK4 and MKK7 in death signaling. The human MLK1 gene maps to chromosome 14q24.3-q31 and is expressed in epithelial tumor cell lines of the colon, breast, and esophagus. The human MLK2 gene maps to chromosome 19 q13.2. and encodes a predicted 954 amino acid, src homology 3 (SH3) domain-containing protein. The human MLK3 gene maps to chromosome 11q13.1-13.3 and encodes a 847 amino acid, SH3 domain- and proline rich region-containing protein. Apoptosis mechanisms rely on MLKs as an upstream intermediate of mitochondrial cytochrome c release and caspase activation.
Gene ID:	4293
UniProt:	P80192

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid

Handling

Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months